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COMMISSION INVESTIGATING PONDS.

Adaptability for Fish Culture One of the Results to be Obtained.

State House, Boston, Aug. 14.—The Massachusetts fish and game commission is at present carrying out an interesting investigation of the ponds of the state. The investigation which is being made under the supervision of the state biologist, is intended primarily to learn the nature of the ponds in the state and their adaptability for fish culture.

The work was started last year when six type ponds were placed under the observation of the several assistants of the state biologists with the intention of learning the conditions at each pond during the entire year. With the first investigation practically completed, the state was divided into districts and the work of completing the investigation of all the ponds in the state was started. Roy Stanley Corwin, an instructor in the geological department of Williams college, has charge of the work in the western part of the state. He has already made an extensive investigation of conditions of the ponds in this section.

The survey of the state ponds is for the purpose of obtaining all the data that can possibly be gathered as to their physical characteristics. In discussing his work in this vicinity Mr. Corwin stated that in each case he obtains as accurately as he can the approximate area of each pond, its name and its location as nearly as possible to the nearest railroad. This matter is of considerable importance for reference purposes, specially to the fish and game commission, when it is desired to obtain information relative to transportation facilities, when fish are to be transported for stocking purposes.

In addition to this information he also makes a record of the average and maximum depth of each pond, the color of the water and the nature of the shore. In reporting on the latter, a detailed report is made of the vegetation common along the shore line and also the nature of the shore. If the pond is fed by any streams or if it has an outlet the matter is carefully reported with sufficient data relating to the nature of the streams and their adaptability for spawning purposes.

The animal and plant life of each pond forms one of the most important features of the investigation since this information is essential where fish are to be maintained. In addition to the information gathered on animal

and plant life, the varieties of fish to be found in each pond is also noted.

The work of carrying on the investigation is most thorough. In each case the investigator takes soundings of the pond carefully, noting its depth at varying distances from shore and then drawing an outline map showing markings of the depth and also the shore vegetation. After the pond has been sounded the bottom and surface temperature of the water is also taken by means of a maximum and minimum thermometer. In securing information relative to the animal and plant life, a Plankton net is used. The net is made of bolting cloth and is conical in shape. This is dropped to the bottom of the pond and brought to the surface. Specimens of the water at various points in the pond are obtained. The water thus secured is placed in sealed bottles and sent to the state biological laboratories, where it is tested and a record made of its properties. Whenever it is possible, specimens of the fish in the pond are also secured and carefully examined with a view of learning just what the fish are feeding on. Whenever there is any source of pollution a careful record is also made.

MADE ATTACK ON BOWERS.

Senator Says Fish Commissioner Lobbied Against Fur Seal Treaty.

Charges that Commissioner George M. Bowers of the Bureau of Fisheries of the Department of Commerce and Labor had been "lobbying" in Congress in an effort to delay action on the bill which would give effect to a treaty negotiated between the United States, Great Britain, Japan and Russia, for the protection of fur seal and otter in the North Pacific, were made in the Senate yesterday by Senator Hitchcock of Nebraska.

He declared that Commissioner Bowers was under the influence of those interested in companies that had been given the privileges of killing seals in the Pribilof Islands and in this connection asserted that Bowers' appointment was the result of efforts of the late Senator Stephen B. Elkins of West Virginia, who in turn was financially interested in the North American Commercial Company which for many years held a government lease for the killing of seals.

Senator Lodge, who had charge of the Fur Seal bill, insisted that if there had been violations of the law they should be held against the government agents on the ground and not against Commissioner Bowers.

FISHERMEN'S MEMORIAL SERVICE.

Annual Exercises Will be Held at Blynman Bridge Tomorrow Afternoon.

Address Will be Given by Rev. T. J. Judge of Methodist Church.

The annual Memorial Service for lost fishermen under the auspices of the Gloucester Fishermen's Institute will take place tomorrow afternoon at Stage Fort Park, followed by a strewing of flowers on the water from Blynman bridge.

The directors and band will meet in Town hall square shortly before 3 o'clock, and it is hoped that the citizens in general will abide by Col. Charles F. Wonson's request and march in a body to the park where the exercises will be held.

Rev. Thomas J. Judge, pastor of the Prospect Street Methodist Episcopal church, will be the speaker of the day, while Rev. Gaius J. Slosser, financial agent, will make an invocation and Col. Wonson, president of the Institute, will also speak. Chaplain Henry Parsons will offer the prayer and the Company G band, L. M. Blythe, director, will furnish the music. Rev. Charles H. Williams, Ph.D., will act as president of the day.

The order of exercises is as follows:

March from Forbes School to Bandstand on Park.
Music, "Shall We Gather at the River?"
"Safe in the Arms of Jesus."
Invocation
Rev. Gaius J. Slosser, Financial Agent
Reading of Roll of Dead
President of Institute
Music, "Vacant Chair."
Prayer Chaplain Henry Parsons
Music, "I Am Praying for You."
Address, Rev. Thomas J. Judge

Music, Hymn, "Sandon."
March to Blynman Bridge.
Music, "Stand Up for Jesus."
"The Home Over There."
Strewing of Flowers.
Singing (tune Pleyel's Hymn) accompanied by band.

Scatter flowers on the waves;
There our fathers found their graves,
Brothers, sons and husbands sleep.
Strew your garlands o'er the deep.

Ebbing tide of summer day,
Bear these blossoms on their way,
North and east to bank and coast
Where they lie whom we love most.

He who marks each secret spot,
Christ, who shared a fisher's lot—
He will guard each wave-washed bed
Till the sea gives up its dead.

—Mary Brooks.

Return to Forbes School,
Music, "Onward Christian Soldiers."
"Sweet Bye and Bye."

Aug. 17.
**LIGHT RECEIPTS
AT T WHARF.**

**One Steam Trawler and
Three Sailing Crafts the
Only Arrivals.**

The week closed very quietly at T wharf, Boston, this morning, one of the steam trawlers and three sailing crafts being the only ones at the dock. Steamer Foam had a small trip of about 25,000 pounds of groundfish and 2500 weight of lemon soles. Sch. Fitz A. Oakes from the shore had 4000 pounds and sch. Ignatius Enos 44,000 pounds. Sch. Fannie E. Prescott arrived at the dock about 9 o'clock, her fare not being reported. Haddock sold at \$2 to \$2.25 a hundred weight, large cod \$4.50, market cod \$2 to \$2.25, hake, \$1.50 and pollock, \$2 to \$2.50.

Boston Arrivals.
The fares and prices in detail are:
Steamer Foam, 8000 haddock, 16,000 cod, 2500 lemon soles, 1500 pollock.
Sch. Fitz A. Oakes, 1500 cod, 2500 pollock.
Sch. Ignatius Enos, 400 haddock, 2700 cod, 300 hake, 1000 pollock.
Sch. Fannie E. Prescott.
Haddock, \$2 to \$2.25 per cwt.; large cod, \$4.50; market cod, \$2 to \$2.25; hake, \$1.50; pollock, \$2 to \$2.50.

**SCH. ARETHUSA
STOCKED \$6356**

**Big Trip of Capt. Clayton
Morrissey Taken on
Frozen Bait.**

Capt. Clayton Morrissey is still at it and as a result of his recent big shack fare, sch. Arethusa stocked the fine sum of \$6536.58, giving the 24 sharemen just \$117.16 each clear. The Arethusa left here on June 22 and returned here last Sunday. Capt. Morrissey took one baiting and on July 10 put into Queensport, N. S., for a second baiting. Bait was a pretty scarce article, Capt. Morrissey found, but he managed to secure some frozen herring and took aboard 200 crates, purchased from Matthews & Scott. Fishing continued good the supply lasting about two weeks and on July 24 he returned again to Queensport and took aboard 250 crates of frozen herring from Matthews & Scott, on which he finished his trip, which is the largest shack fare landed here this season. Capt. Morrissey has again demonstrated that frozen bait is not so bad after all, and instead of losing time, cruising around, he improved the opportunity to get a trip with frozen herring.

Salt Scarcity Threatened at Labrador.
The announcement in yesterday's message from the Sagona, that there was a scarcity of salt on Labrador, creates a very serious situation, as it indicates the possibility that a lot of the fish taken there may spoil for want of this curative agency, the St. John's, N. F., Chronicle says. Inquiries of Water Street merchants elicits the fact that one of the reasons for the shortage is that a number of vessels with salt cargoes have been unable to reach the coast owing to the prevailing weather conditions and another circumstances tending in the same direction is that planters who proceed to the coast naturally do not wish to carry too much salt because of the lack of storage facilities there and thus, when a big inrush of fish comes, they find themselves without enough salt for their needs. It is regrettable that there should be a shortage of salt, but it is to be hoped that within the next few days the weather will change so that it will be possible for salt laden vessels to arrive and for other stocks to be sent on from there. Another difficulty that will operate with people on Labrador this season is the same that is being felt by people around our own seaboard, namely, that owing to the weather conditions at present it is next to impossible to cure what little fish has been taken, and unless a radical change in the weather occurs, dealers fear now that there will be a lot of poor fish out of what has been taken.

August 17.
**HALIBUT TRIP
FROM OFF SHORE.**

**Only Fish Receipts at This
Port With Exception of
Two Swordfish.**

Sch. Elsie, Capt. Thomas Downey, is at this port this morning from a halibut trip, the only off shore arrival in port. Capt. Downey has a nice trip, consisting of 25,000 pounds of halibut and 50,000 pounds of fresh fish. He secured his fare on Emerald Bank. Sch. Gracie landed one swordfish yesterday and sch. W. H. Reed two fish. The gasoline boats did poorly yesterday, no bluebacks or herring being brought in by them.

Today's Arrivals and Receipts.
Sch. Elsie, Emerald Band, 25,000 lbs. halibut, 50,000 lbs. fresh fish.
Sch. Gracie, shore, 1 swordfish.
Sch. W. H. Reed, shore, 2 swordfish.
Sch. Etta B., shore.
Steamer Charles A. Dyer, shore.
Sch. Priscilla, shore.
Sch. Juliette, shore.

Vessels Sailed.
Sch. Eugenia, halibuting.
Sch. Kineo, halibuting.
Sch. Margie Turner, halibuting.
Sch. Lucania, seining.
Sch. Monarch, seining.
Steamer Sawyer, seining.
Sch. Leonora Silveria, haddocking.
Sch. Edith Silveria, haddocking.
Sch. Harriett, haddocking.
Sch. Clara G. Silva, haddocking.
Sch. Arethusa, shacking.
Scout sch. Pioneer, Boston.
Sch. Ralph Russell, drifting.

TODAY'S FISH MARKET.
Salt Fish.
Trawl bank cod, large, \$3.25; medium, \$2.87 1-2; snappers, \$2.
Handline Georges codfish, large, \$4.00 per cwt.; medium, \$3.50; snappers, \$2.50.
Eastern halibut codfish, large, \$3.25; mediums, \$2.87 1/2; snappers, \$2.00.
Dory handline codfish, large, \$3.50; medium, \$3.12 1/2; snappers, \$2.25.
Georges halibut codfish, large, \$4.12 1/2; mediums, \$3.50.
Drift codfish, large, \$3.75; mediums, \$3.37 1/2.
Haddock, \$1.50.
Pollock, \$1.25.
Cusk, large, \$2.50; medium, \$1.75; snappers, \$1.25.
Hake, \$1.25.
Salt tinker mackerel, \$10 per bbl.
Fledged halibut, 8c per lb.
Fresh Fish.
Haddock, 70c per cwt.
Peak and Cape North cod, large, \$1.75; medium, \$1.50; snappers, 75c.
Western cod, large, \$2.00; mediums, \$1.65; snappers, 75c.
All codfish not gilled, 10c per 100 pounds less than the above.
Hake, 70c.
Cusk, large, \$1.30; medium, \$1.00; snappers, 50c.
Dressed pollock 80c, round 70c.
Bank halibut 11c per lb., for white, 9c for gray.
Fresh mackerel, 40c for large, 5c per lb. for tinkers.
Fresh bluebacks, \$2 to \$2.25 per bbl. for bait; \$1.25 per bbl. to freezer; 60 cts. per bbl. for oil.
Fresh porgies, \$1.25 per bbl. for bait; 75c per bbl. for oil.
Fresh herring, \$1.50 per bbl. to freezer; \$2.50 per bbl. for bait.

The Swordfishing Fleet.
While the Portland schooner Albert D. Willard is not the high liner among the swordfishermen from Portland, the men under the command of Capt. Frank Doughty have no cause to complain. The schooner returned to Portland from Boston Thursday after another fare had been landed and the men reported they had shared \$317 each to date. The Willard started fishing the first of July. Since that time, she has landed three fares in Boston. Wednesday the schooner had 98 swordfish. The market was a bit off, but for all that the schooner received \$1128.37 for her fare. For the season to date, the stock has been \$4300. The high liner of the Portland fleet is the schooner Topsall Girl, Capt. George York.

August 17.
Salt Cargo Arrivals.
The British steamer Hardanger, 23 days from Trapani arrived here yesterday with 3200 tons of salt for the Gorton-Pew Fisheries Company. The craft made good time and had a fair passage across.
Portland Fishing Notes.
Bluebacks were received in large quantities at the plant of the Central Wharf Cold Storage Co., Thursday. The Pantooet had 40 barrels; Leslie and Alice, 50 barrels and Leslie and Lola, 50 barrels.

Salt Bark Sailed.
The Italian bark Giacomo having completed the discharge of a cargo of salt sailed this morning for Bear River, N. S., to load lumber for Buenos Ayres. Capt. Robert N. Miller, coast pilot, accompanied the craft.

Halibut Sale.
The halibut fare of sch. Elsie sold to the New England Fish Company this morning at 11 cents a pound for white and 9 cents a pound for gray.

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**FISHERMAN IS
SERIOUSLY HURT.**

Fred H. Proctor, a South Portland fisherman, is at the Maine General hospital in a serious condition as the result of injuries received when he fell from Commercial Wharf to the deck of a vessel early last Friday evening. Proctor was taken to the hospital, and today the doctors say that he may not recover.

WILL BE SEEN FARTHER.
Sankaty Head Light to Have New Oil Vapor Lamp.

Sankaty Head, the most important lighthouse on this section of the coast, is to have the intensity of its light greatly increased. The lighthouse board has given notice that the change will be made October 1, when an incandescent oil vapor lamp will be installed in place of the present oil burning lamp. The change will increase the illuminating power of the fixed light from 1000 candle power to 27,000, and that of the flash from 38,000 to 220,000 candle power. It is announced that Great Point light, on the northeastern extremity of Nantucket Island, will also have an oil vapor lamp on October 1. Great Point does not have a flash light, but the change will increase the intensity of its fixed light from 2750 to 18,000 candle power.

DISCOVERS 80 ICEBERGS.
More Than 50 Floating Near Newfoundland.

More than 50 icebergs floating in the Atlantic near Newfoundland were sighted by Capt. Amundsen of the steamer Ragnarok, which came in at New York Saturday from Botswoodville, N. F. Capt. Amundsen said he counted no fewer than 30 bergs stranded on the Newfoundland coast between Notre Dame Bay and St. John's.

Provincetown Fishing Notes.
The following crew shares were reported last Tuesday: sch. Eleanor De Costa, \$16 each; sch. Josephine De Costa, \$17 each; sch. W. A. Morse, \$30 each. Tinker mackerel are reported more plentiful than in a number of years. Good trips are being taken into Boston by seiners; the traps are getting some each day and boats are getting them on hook. The porgy steamers got fish again last week after failing to find them in the bay for some time. Among the catches Tuesday was that of steamer A. B. Nickerson of this port, which came in late in the evening with 350 barrels of fish. Squid also were more plentiful on Tuesday last than for several days, the traps getting them that day where the dorymen failed to catch many.

EXERCISES POSTPONED.
The memorial exercises for lost fishermen that were to have been held at the Blynman bridge yesterday afternoon, under the auspices of the Gloucester Fishermen's Institute, were postponed on account of the weather.

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Aug. 19.
**GOOD TRADE TO
START THE WEEK**

**T Wharf Dealers Had
Variety Of Fish
to Work On.**

Trade in fresh fish opened at T wharf, Boston, this forenoon with a rush, and although mackerel was the chief attraction, there was plenty of groundfish and swordfish in as well, with trade good on all grades. The largest groundfish fares are schs. Buema, 40,000 pounds; Mary E. Silveria, 65,000 pounds; Belbina P. Domnigoes, 53,000 pounds; Margaret Dillon, 52,000 pounds; Pontiac, 75,000 pounds; Ethel B. Penny, 51,000 pounds; Terra Nova, 47,000 pounds. The steam trawlers Swell and Surf are also in the former with 107,000 lbs. and 2000 weight of lemon soles, and the latter with 20,000 lbs. and 2500 weight of soles. One halibuter, sch. Moaanam, Capt. Hugh Quinlan is reported with 10,000 pounds of fresh halibut. The swordfish arrivals are schs. M. Madeline, 34 fish; Fanny Reed, 41; Lafayette, 40; Sakuntala, 23. Prites were good, the crafts receiving eight cents a pound right through for their fish. Haddock sold at \$1.25 to \$1.50 a hundred pounds, large cod, \$4 to \$5; market cod, \$2; hake, \$1.50 to \$3; pollock, \$2.80.

Boston Arrivals.
The fares and prices in detail are:
Steamer Swell, 75,000 haddock, 24,000 cod, 1200 lbs. lemon soles, 8000 pollock.
Sch. Buema, 38,000 haddock, 1500 cod, 500 hake.
Sch. Mary E. Silveria, 45,000 haddock, 20,000 cod.
Sch. Belbina P. Domnigoes, 30,000 haddock, 22,000 cod, 1 swordfish, 1000 pollock, 300 halibut.
Sch. Philip P. Manta, 9000 haddock, 5500 cod, 5000 hake, 700 pollock.
Sch. Emelia Enos, 15,000 haddock, 12,000 cod, 5000 pollock.
Sch. Rose Cabral, 10,000 haddock, 23,000 cod, 1500 hake, 1000 pollock.
Sch. Louisa R. Sylvia, 11,000 haddock, 15,000 cod, 1500 hake, 1000 pollock.
Sch. Margaret Dillon, 4700 haddock, 2600 cod, 3000 hake, 100 pollock, 100 halibut.
Sch. Pontiac, 70,000 haddock, 3000 cod, 600 hake, 1000 pollock.
Sch. Ethel B. Penny, 47,000 haddock, 2200 cod, 300 hake, 2000 pollock.
Sch. Moaanam, 10,000 halibut.
Sch. Klondike, 2100 cod, 100 hake, 5000 pollock, 150 halibut.
Sch. Galatea, 200 haddock, 900 cod, 9000 pollock, 1 swordfish.
Sch. Terra Nova, 40,000 haddock, 2600 cod, 5500 hake, 100 halibut.
Sch. Alice, 3000 haddock, 7000 cod, 35,000 hake, 3000 cusk, 3 swordfish, 500 halibut.
Steamer Surf, 13,000 haddock, 4800 cod, 1500 pollock, 2500 lemon soles.
Sch. Ralph L. Hall, 25,000 lbs. fresh tinker mackerel.
Sch. Marguerite Haskins, 35,000 lbs. fresh tinker mackerel.
Sch. Arthur James, 16,000 lbs. fresh tinker mackerel.
Sch. Pinta, 16,000 lbs. fresh tinker mackerel, 120 bbls. salt mackerel.
Steamer Water Witch, 50 bbls. fresh tinker mackerel.
Sch. M. Madeleine, 34 swordfish.
Sch. Fanny Reid, 41 swordfish.
Sch. Lafayette, 40 swordfish.
Sch. Sakuntala, 32 swordfish.
Haddock, \$1.25 to \$1.50 per cwt.; large cod, \$4 to \$5; market cod, \$2; hake, \$1.50 to \$3; pollock, \$2.80; fresh tinker mackerel, 4 cts. to 5 cts. per lb.; swordfish, 8 cts. per lb.

Aug. 19.
Halibut Sales.
The halibut fare of sch. Hope sold to the American Halibut Company this forenoon at 11 1-2 cents a pound for white and nine and one-half cents a pound for gray. The halibut fare of sch. Selma was purchased by the same company, her white fish selling for 11 1-4 cents, large gray, five and one-fourth cents and medium gray, nine and one-fourth cents a pound. Sch. Georgiana had 2000 weight of halibut, which sold to the same concern, at the same figure paid for the fare of the Hope.